

#2
04/09/2001

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/801,346

DATE: 04/09/2001

TIME: 15:31:58

Input Set : N:\Crf3\RULE60\09801346.txt

Output Set: N:\CRF3\04092001\I801346.raw

3 <110> APPLICANT: Makarov, Vladimir L.
4 Langmore, John P.
6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR NUCLEIC ACID ANALYSIS
8 <130> FILE REFERENCE: UMIC:039---
10 <140> CURRENT APPLICATION NUMBER: 09/801,346
11 <141> CURRENT FILING DATE: 2001-03-06
14 <150> PRIOR APPLICATION NUMBER: 09/151,236
15 <151> PRIOR FILING DATE: 1998-09-10
18 <160> NUMBER OF SEQ ID NOS: 14
20 <170> SOFTWARE: PatentIn Ver. 2.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 24
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Strand
29 displacement primer
31 <400> SEQUENCE: 1
32 ccuaacccu aaccuaacc cuaa 24
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 21
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:
41 Oligonucleotide is used as a probe
43 <400> SEQUENCE: 2
44 ccctaaccct aaccctaacc c 21
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 24
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence:
53 Oligonucleotide is used as a probe
55 <400> SEQUENCE: 3
56 uuaggguuag gguuaggguu aggg 24
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 33
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence:
65 Oligonucleotide is used as a probe
67 <400> SEQUENCE: 4
68 ccctccagcg gccggtagg gttagggtta ggg 33
70 <210> SEQ ID NO: 5

ENTERED

RAW SEQUENCE LISTING

DATE: 04/09/2001

PATENT APPLICATION: US/09/801,346

TIME: 15:31:58

Input Set : N:\Crf3\RULE60\09801346.txt

Output Set: N:\CRF3\04092001\I801346.raw

```

71 <211> LENGTH: 24
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: Strand
77     displacement primer
79 <400> SEQUENCE: 5
80 ccctaaccct aaccctaacc ctaa                24
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 24
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence:
89     Oligonucleotide is used as a probe
91 <400> SEQUENCE: 6
92 ttagggtag ggtagggg aggg                24
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 22
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer used
101     for sequencing
103 <400> SEQUENCE: 7
104 aaaacgaggt ccacggtatc gt                22
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 32
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence:
113     Oligonucleotide used as a sequencing template
115 <400> SEQUENCE: 8
116 caggatgtga ccctccagca cataggtcta cg        32
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 21
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer used
125     for sequencing
127 <400> SEQUENCE: 9
128 ggtcgtgtat ccagatgcc a g                21
130 <210> SEQ ID NO: 10
131 <211> LENGTH: 23
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 04/09/2001

PATENT APPLICATION: US/09/801,346

TIME: 15:31:58

Input Set : N:\Crf3\RULE60\09801346.txt

Output Set: N:\CRF3\04092001\I801346.raw

```

136 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer used
137     for sequencing
139 <400> SEQUENCE: 10
140 gaggtcgtgt atccagatgc cag                                     23
142 <210> SEQ ID NO: 11
143 <211> LENGTH: 25
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer used
149     for sequencing
151 <400> SEQUENCE: 11
152 gggaggtcgt gtatccagat gccag                                     25
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 28
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer used
161     for sequencing
163 <400> SEQUENCE: 12
164 actgggaggt cgtgtatcca gatgccag                                     28
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 24
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence:
173     Oligonucleotide used as a PCR primer
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (1)
178 <223> OTHER INFORMATION: biotin attached to 5' end
180 <400> SEQUENCE: 13
181 ggtaacagga ttagcagagc gagg                                     24
183 <210> SEQ ID NO: 14
184 <211> LENGTH: 24
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence:
190     Oligonucleotide used as a PCR primer
192 <400> SEQUENCE: 14
193 ttatctacac gaaggggagt caga                                     24

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/801,346

DATE: 04/09/2001

TIME: 15:31:59

Input Set : N:\Crf3\RULE60\09801346.txt

Output Set: N:\CRF3\04092001\I801346.raw